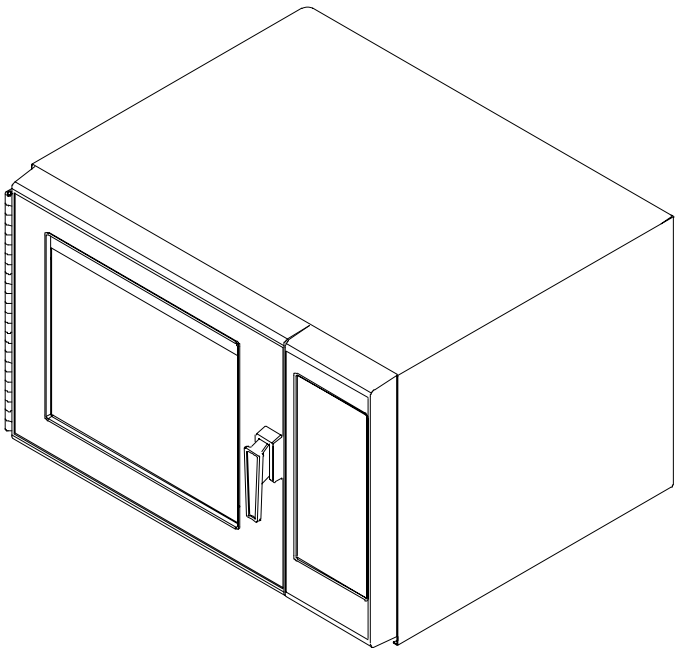
Amana®

# Owner's Manual

## Commercial Microwave Oven

**RCS10**
**RCS10MP**
**RCS10MPS**
**RFS10S**
**RFS12S**
**RFS12MPS**



Keep these instructions for future reference. If the oven changes ownership, be sure this manual accompanies oven.

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# Model Identification

Complete enclosed registration card and promptly return. If registration card is missing, call Consumer Affairs Department at 1-800-843-0304 inside U.S.A. 1-319-622-5511 outside U.S.A.

When contacting Amana, provide product information. Product information is located on oven serial plate. Record the following information:

Model Number: _____
Manufacturing Number: _____
Serial or S/N Number: _____
Date of purchase: _____
Dealer's name and address: _____
_____
_____
_____

Keep a copy of sales receipt for future reference or in case warranty service is required.

Any questions or to locate an authorized servicer, call 1-800-843-0304 inside U.S.A. 1-319-622-5511 outside U.S.A. If an automated telephone system is reached, select Commercial Microwave Ovens category. Warranty service must be performed by an authorized servicer. Amana also recommends contacting an authorized servicer if service is required after warranty expires.

# IMPORTANT SAFETY INSTRUCTIONS

## Recognize this symbol as a SAFETY message

### WARNING

When using electrical oven, basic safety precautions should be followed to reduce the risk of burns, electric shock, fire, or injury to persons or exposure to excessive microwave energy.

1. READ all instructions before using oven.
2. READ AND FOLLOW the specific “PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY” on page 4.
3. This oven MUST BE GROUNDED. Connect only to properly GROUNDED outlet. See “GROUNDING INSTRUCTIONS” on page 7.
4. Install or locate this oven ONLY in accordance with the installation instructions in this manual.
5. Some products such as whole eggs and sealed containers – for example, closed glass jars – may explode and SHOULD NOT be HEATED in this oven.
6. Use this oven ONLY for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this oven. This type of oven is specifically designed to heat or cook. It is not designed for industrial or laboratory use.
7. As with any oven, CLOSE SUPERVISION is necessary when used by CHILDREN.
8. DO NOT operate this oven if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This oven, including power cord, must be serviced ONLY by qualified service personnel. Special tools are required to service oven. Contact nearest authorized service facility for examination, repair, or adjustment.
10. DO NOT cover or block filter or other openings on oven.
11. DO NOT store this oven outdoors. DO NOT use this product near water – for example, near a kitchen sink, in a wet basement, or near a swimming pool, and the like.
12. DO NOT immerse cord or plug in water.
13. Keep cord AWAY from HEATED surfaces.
14. DO NOT let cord hang over edge of table or counter.
15. See door cleaning instructions in “Care and Cleaning” section of manual on page 15.
16. For commercial use only.

### WARNING

To reduce risk of fire in the oven cavity:

a. DO NOT overcook food. Carefully attend oven if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.

b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.

c. KEEP oven DOOR CLOSED, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel, if materials inside the oven should ignite. Fire may spread if door is opened.

d. DO NOT use the cavity for storage. DO NOT leave paper products, cooking utensils, or food in the cavity when not in use.

# SAVE THESE INSTRUCTIONS

# IMPORTANT SAFETY INSTRUCTIONS

## ⚠ CAUTION

To avoid personal injury or property damage, observe the following:

1. Briskly stir or pour liquids before cooking with microwave energy to prevent spontaneous boiling or eruption. Do not overheat. If air is not mixed into a liquid, liquid can erupt in oven or after removal from oven.
2. Do not deep fat fry in oven. Fat could overheat and be hazardous to handle.
3. Do not cook or reheat eggs in shell or with an unbroken yolk using microwave energy. Pressure may build up and erupt. Pierce yolk with fork or knife before cooking.
4. Pierce skin of potatoes, tomatoes, and similar foods before cooking with microwave energy. When skin is pierced, steam escapes evenly.
5. Do not operate oven without load or food in oven cavity.
6. Use only popcorn in packages designed and labeled for microwave use. Popping time varies depending on oven wattage. Do not continue to heat after popping has stopped. Popcorn will scorch or burn. Do not leave oven unattended.
7. Do not use regular cooking thermometers in oven. Most cooking thermometers contain mercury and may cause an electrical arc, malfunction, or damage to oven.
8. Do not heat baby bottles in oven.
9. Do not use metal utensils in oven.
10. Never use paper, plastic, or other combustible materials that are not intended for cooking.
11. When cooking with paper, plastic, or other combustible materials, follow manufacturer's recommendations on product use.
12. Do not use paper towels which contain nylon or other synthetic fibers. Heated synthetics could melt and cause paper to ignite.
13. Do not heat sealed containers or plastic bags in oven. Food or liquid could expand quickly and cause container or bag to break. Pierce or open container or bag before cooking.
14. To avoid pacemaker malfunction, consult physician or pacemaker manufacture about effects of microwave energy on pacemaker.

# *PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY*

a. DO NOT attempt to operate this oven with door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with safety interlocks.

b. DO NOT place any object between oven front face and door or allow soil or cleaner residue to accumulate on sealing surfaces.

c. DO NOT operate oven if it is damaged. It is particularly important that oven door close properly and that there is no damage to: (1) door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.

d. Oven should NOT be adjusted or repaired by anyone except properly qualified service personnel.

# SAVE THESE INSTRUCTIONS

# MESURES DE SECURITE IMPORTANTES

## Ce symbole signale un message de SECURITE

### DANGER

Lors de l'utilisation d'appareils électriques, prendre les précautions élémentaires suivantes pour réduire les risques de brûlures, d'électrocution, d'incendie, de blessures ou d'exposition a un exces de micro-ondes.

1. **LIRE** la totalité des instructions avant d'utiliser le four.
2. **LIRE ET SUIVRE** les **PRECAUTIONS CONTRE LES RISQUES D'EXPOSITION A UN EXCES DE MICRO-ONDES,** page 6.
3. Ce four **DOIT ETRE MIS A LA TERRE**. Le brancher uniquement sur une prise correctement reliée à la terre. Voir les **INSTRUCTIONS DE MISE A LA TERRE**, page 7.
4. Mettre en service ou placer ce four **UNIQUEMENT** tel qu'indiqué dans les instructions de mise en service fournies dans ce manuel.
5. Certains aliments ou articles comme les oeufs et les récipients fermés hermétiquement tels que les bocaux, par exemple, peuvent exploser et **NE DOIVENT PAS ETRE UTILISES** dans ce four.
6. Utiliser ce four **UNIQUEMENT** pour les usages pour lesquels il est prévu, décrits dans ce manuel. Ne pas utiliser de vapeurs ni de produits chimiques corrosifs dans cet appareil. Ce type de four est spécifiquement conçu pour faire chauffer ou cuire les aliments. Il n'est pas prévu pour un usage industriel ou en laboratoire.
7. Comme pour tout autre appareil électrique, l'utilisation de cet appareil par les **ENFANTS** doit se faire **SOUS ETROITE SURVEILLANCE**.
8. **NE PAS** utiliser le four si la prise ou le cordon électrique est abîmé, si le four ne fonctionne pas correctement ou si l'appareil est tombé ou a été endommagé.
9. Cet appareil, cordon électrique compris, doit être réparé **UNIQUEMENT** par un technicien qualifié. Des outils spéciaux sont nécessaires à cette fin. Contacter le prestataire de service après-vente agréé le plus proche pour le faire examiner, réparer ou régler.
10. **NE PAS** couvrir ni boucher le filtre ni aucun orifice du four.
11. **NE PAS** placer cet appareil à l'extérieur. **NE PAS** l'utiliser près d'un endroit où il y a de l'eau, comme dans un sous-sol humide, près d'un évier ou d'une piscine ou en tout autre endroit similaire.
12. **NE PAS** plonger le cordon électrique ou la prise dans l'eau.
13. Garder le cordon électrique **A DISTANCE SURE** de surfaces **CHAUFFEES.**
14. **NE PAS** laisser le cordon pendre d'une table ou d'un comptoir.
15. Voir la marche à suivre pour l'entretien de la porte sous *"Entretien de l'extérieur du four"* dans la partie *"Entretien"* du manuel, page 20.
16. **Pour usage commercial uniquement.**

### DANGER

Pour réduire les risques d'incendie à l'intérieur du four :

a. **NE PAS** trop cuire les aliments. Surveiller attentivement la cuisson si du papier, du plastique ou tout autre matériau combustible est utilisé pour faciliter la cuisson.

b. Enlever toute attache métallique servant à fermer les sacs en plastique ou en papier avant de placer le sac dans le four.

c. Si le feu prend dans le four, **LAISSER LA PORTE** du four **FERMEE**, éteindre le four et le débrancher ou couper le courant au niveau du fusible ou du disjoncteur. Si la porte du four est ouverte, l'incendie peut se propager.

d. **NE PAS** utiliser l'intérieur du four comme espace de rangement. **NE PAS** laisser d'articles en papier, de récipients, d'ustensiles de cuisson nid'aliments dans le four pendant qu'il n'est pas utilisé.

# CONSERVER CES INSTRUCTIONS

# MESURES DE SECURITE IMPORTANTES

## ⚠ ATTENTION

Pour éviter tous dégâts matériels ou blessures, observer les consignes suivantes :

1. Pour éviter toute ébullition ou éruption spontanée, remuer vigoureusement ou verser les liquides avant de les chauffer au four à micro-ondes. Ne pas trop chauffer. Si de l'air n'a pas été incorporé dans le liquide, celui-ci peut déborder dans le four ou après en avoir été retiré.

2. Ne pas faire de friture dans le four. La graisse pourrait surchauffer et devenir dangereuse à manipuler.

3. Les oeufs ne doivent pas être chauffés ou réchauffés au four à micro-ondes dans leur coquille ou avec leur jaune intact ; cela pourrait provoquer une accumulation de pression et l'éclatement de l'oeuf. Percer le jaune avec une fourchette ou un couteau avant la cuisson.

4. Percer la peau des pommes de terre, tomates et aliments similaires avant de les cuire au four à micro-ondes. Lorsque la peau est percée, la vapeur peut s'échapper uniformément.

5. Ne pas faire fonctionner l'appareil sans nourriture à l'intérieur.

6. Pour faire du pop-corn, utiliser uniquement du maïs en paquet spécial micro-ondes (indiqué sur l'étiquette). Le temps nécessaire pour faire éclater le maïs varie en fonction de la puissance du four. Ne pas continuer à faire chauffer le maïs une fois qu'il a fini d'éclater, car il peut brûler ou s'enflammer. Ne pas laisser le four sans surveillance.

7. Ne pas utiliser de thermomètre de cuisson pour four traditionnel dans le four. La plupart des thermomètres de cuisson contiennent du mercure qui peut causer des arcs électriques ou le mauvais fonctionnement du four, ou encore endommager celui-ci.

8. Ne pas faire chauffer de biberon au four.

9. Ne pas utiliser d'ustensiles métalliques dans le four.

10. Ne jamais utiliser de papier, de plastique ni autre matériau combustible non prévu pour la cuisson.

11. Si la cuisson utilise du papier, du plastique ou autre matériau combustible, suivre les recommandations du fabricant concernant son utilisation.

12. Ne pas utiliser de serviettes en papier contenant du nylon ou autres fibres synthétiques. Ces fibres pourraient fondre et faire enflammer le papier.

13. Ne pas faire chauffer de récipients ni de sacs en plastique hermétiquement fermés dans le four. La nourriture ou le liquide pourrait gonfler rapidement et faire éclater le récipient ou le sachet. Percer ou ouvrir celui-ci avant de le faire chauffer.

14. Pour éviter toute défaillance de stimulateur cardiaque, prière de se renseigner auprès du médecin ou du fabricant du stimulateur au sujet des effets de l'énergie micro-ondes sur ce dispositif.

# *PRECAUTIONS CONTRE LES RISQUES D'EXPOSITION À UN EXCES DE MICRO-ONDES*

a. **NE PAS** essayer de faire fonctionner le four avec la porte ouverte car cela peut entraîner une exposition dangereuse aux micro-ondes. Il est important de ne pas modifier les verrouillages de sécurité ni d'entraver leur fonctionnement.

b. **NE PAS** placer d'objet entre le cadre avant du four et la porte ni laisser de saletés ou de résidus de produit nettoyant s'accumuler sur les surfaces formant joint.

c. **NE PAS** utiliser le four s'il est endommagé. Il est particulièrement important que sa porte ferme correctement et que les éléments suivants ne soient pas endommagés : (1) porte (faussée), (2) charnières et dispositifs de verrouillage (cassés ou présentant du jeu), (3) joints de la porte et surfaces formant joint.

d. Ce four ne doit **PAS** être réglé ni réparé par une personne autre qu'un technicien de service après-vente dûment qualifié.

# CONSERVER CES INSTRUCTIONS

# Mise à la terre

**⚠ DANGER**

Pour éviter tout risque d'électrocution, voire de décès, cet appareil doit être relié à la terre.

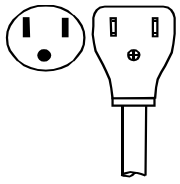
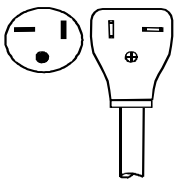
**⚠ DANGER**

Pour éviter tout risque d'électrocution, voire de décès, ne pas modifier la fiche.

Cet appareil **DOIT** être relié à la terre. En cas de court-circuit, la mise à la terre réduit les risques d'électrocution en permettant au courant électrique de passer par un fil. Ce four est muni d'un cordon équipé d'un fil de mise à la terre avec une fiche de mise à la terre. La fiche doit être branchée dans une prise correctement installée et mise à la terre.

Consulter un électricien ou un prestataire de service qualifié si les instructions de mise à la terre ne sont pas bien comprises ou si un doute subsiste quant à la mise à la terre correcte de l'équipement.

Ne pas utiliser de rallonge. Si le cordon d'alimentation de l'appareil est trop court, demander à un électricien d'installer une prise de courant à trois trous. Ce four doit être branché sur un circuit indépendant de 60 Hz dont la puissance nominale est indiquée sur l'illustration correspondante. Lorsqu'un four à micro-ondes est branché sur un circuit avec d'autres appareils, les temps de cuisson pourront être prolongés et des fusibles pourraient sauter.

| Modéle | NEMA | Réception and Fiche |
|---|---|---|
| RCS10<br>RCS10MP<br>RCS10MPS | NEMA<br>5-15R/5-20P<br>120V-15AMP |  |
| RFS10S<br>RFS12S<br>RF12MPS | NEMA<br>5-20R/5-20P<br>120V-20AMP |  |

# Grounding Instructions

**⚠ WARNING**

To avoid risk of electrical shock or death, this oven must be grounded.

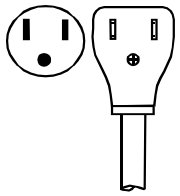
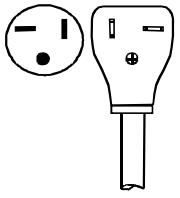
**⚠ WARNING**

To avoid risk of electrical shock or death, do not alter the plug.

This oven MUST be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This oven is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

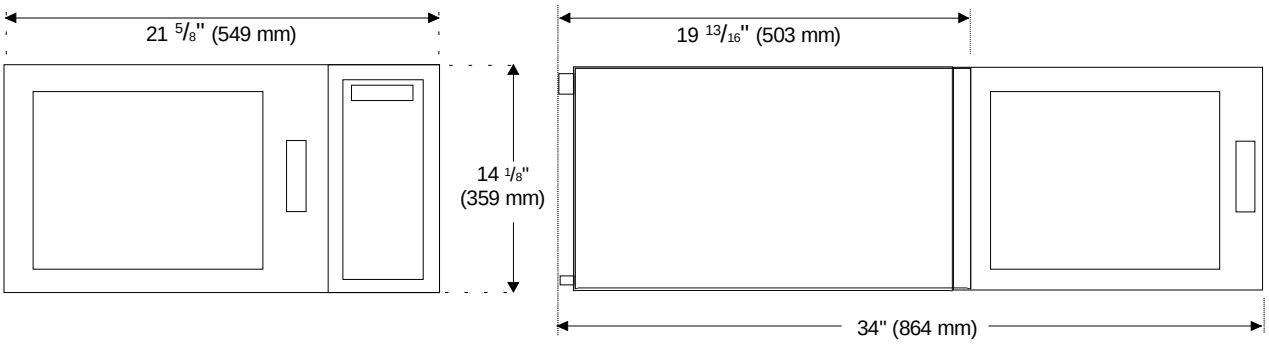
Consult a qualified electrician or servicer if grounding instructions are not completely understood, or if doubt exists as to whether the oven is properly grounded.

Do not use an extension cord. If the product power cord is too short, have a qualified electrician install a three-slot receptacle. This oven should be plugged into a separate 60 hertz circuit with the electrical rating as shown in the appropriate drawing. When a microwave oven is on a circuit with other equipment, an increase in cooking times may be required and fuses can be blown.

| Model | NEMA Designation | Receptacle and Plug |
|---|---|---|
| RCS10<br>RCS10MP<br>RCS10MPS | NEMA<br>5-155-20P<br>120V-15P |  |
| RFS10S<br>RFS12S<br>RF12MPS | NEMA<br>5-20R/5-20P<br>120V-20AMP |  |

# Installation

## Specifications




| Models | RCS10 | RCS10MP | RCS10MPS | RFS10S | RFS12S | RFS12MPS |
|---|---|---|---|---|---|---|
| **Power Source** | | | | | | |
| Voltage AC | 120 VAC | 120 VAC | 120 VAC | 120 VAC | 120 VAC | 120 VAC |
| Frequency | 60 Hz | 60 Hz | 60 Hz | 60 Hz | 60 Hz | 60 Hz |
| Single Phase, 3-wire ground | X | X | X | X | X | X |
| Receptacle | 5-15R | 5-15R | 5-15R | 5-20R | 5-20R | 5-20R |
| Plug | 5-15P | 5-15P | 5-15P | 5-20P | 5-20P | 5-20P |
| **Power** | | | | | | |
| Nominal Microwave Energy (IEC705) | 1000 Watts | 1000 Watts | 1000 Watts | 1000 Watts | 1200 Watts | 1200 Watts |
| Frequency | 2450 MHz | 2450 MHz | 2450 MHz | 2450 MHz | 2450 MHz | 2450 MHz |
| Power Consumption | 1700 watts | 1700 watts | 1700 watts | 1700 watts | 2000 watts | 2000 watts |
| **Dimensions** | | | | | | |
| Oven Exterior | Width 21 5/8"(549mm) x Height 14 1/8"(359mm) x Depth 19 13/16"(503mm) | | | | | |
| Oven Cavity Dimensions | Width 13 1/2"(343mm) x Height 9 1/2"(241mm) x Depth 15 11/16"(398mm) | | | | | |
| Net Weight | Crated 58lbs.(26.3kg) | | | | | |
| Oven Cavity Capacity | 1.2 Cu. Ft.(34 liters) | | | | | |
| Power Cord | 5' (1.5m) | | | | | |

Product specifications can change at any time without notice.

### Unpacking Oven

- Inspect oven for damage such as dents in door or dents inside oven cavity.
- Report any dents or breakage to source of purchase immediately. Do not attempt to use oven if damaged.
- Remove all materials from oven interior.
- If oven has been stored in extremely cold area, wait a few hours before connecting power.

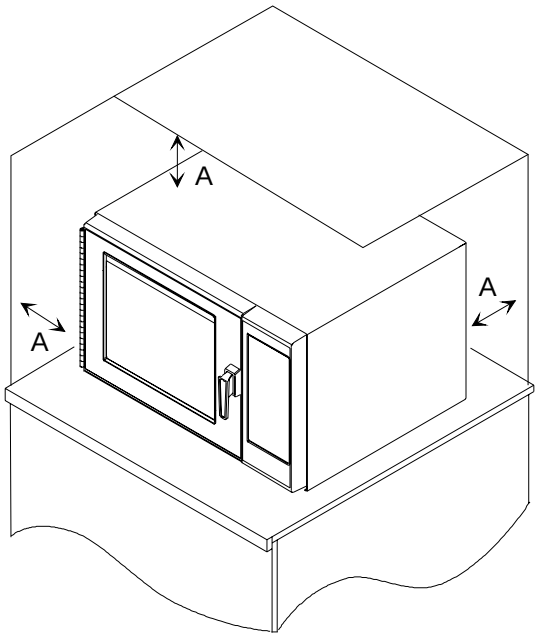
### Radio Interference

Microwave operation may cause interference to radio, television, or similar equipment. Reduce or eliminate interference by doing the following:

- Clean door and sealing surfaces of oven according to instructions in “Care and Cleaning” section.
- Place radio, television, etc. as far as possible from oven.
- Use a properly installed antenna on radio, television, etc. to obtain stronger signal reception.

### Oven Placement

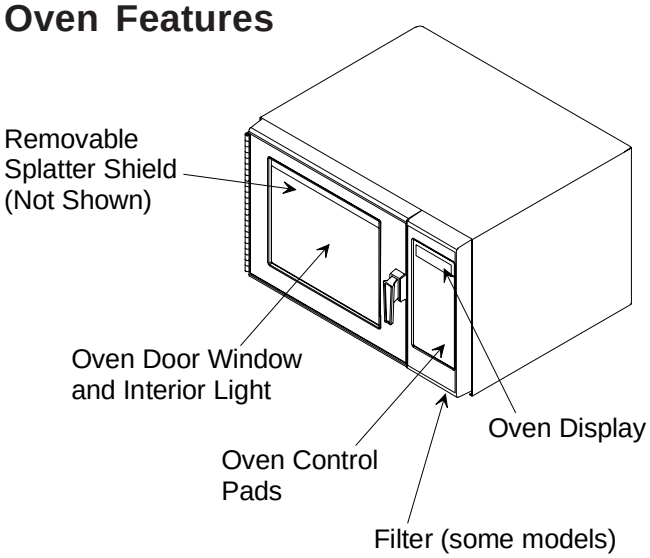
- Do not install oven next to or above source of heat, such as pizza oven or deep fat fryer. This could cause microwave oven to operate improperly and could shorten life of electrical parts.
- Do not block or obstruct oven filter. Allow access for cleaning.
- Install oven on level countertop surface.



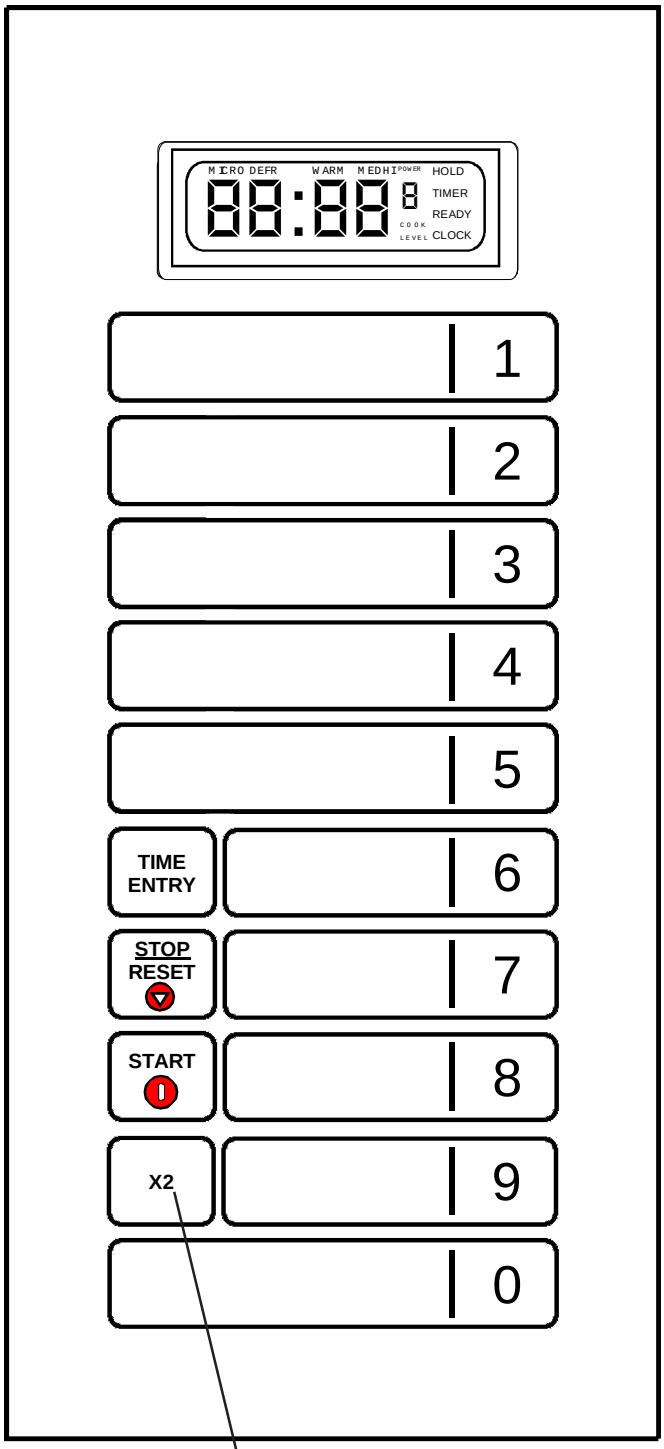

A —Allow at least 1 ½ " (3.81 cm) of clearance around top and sides of oven. Proper air flow around oven cools electrical components. With restricted air flow, oven may not operate properly and life of electrical parts is reduced.

Oven Clearances

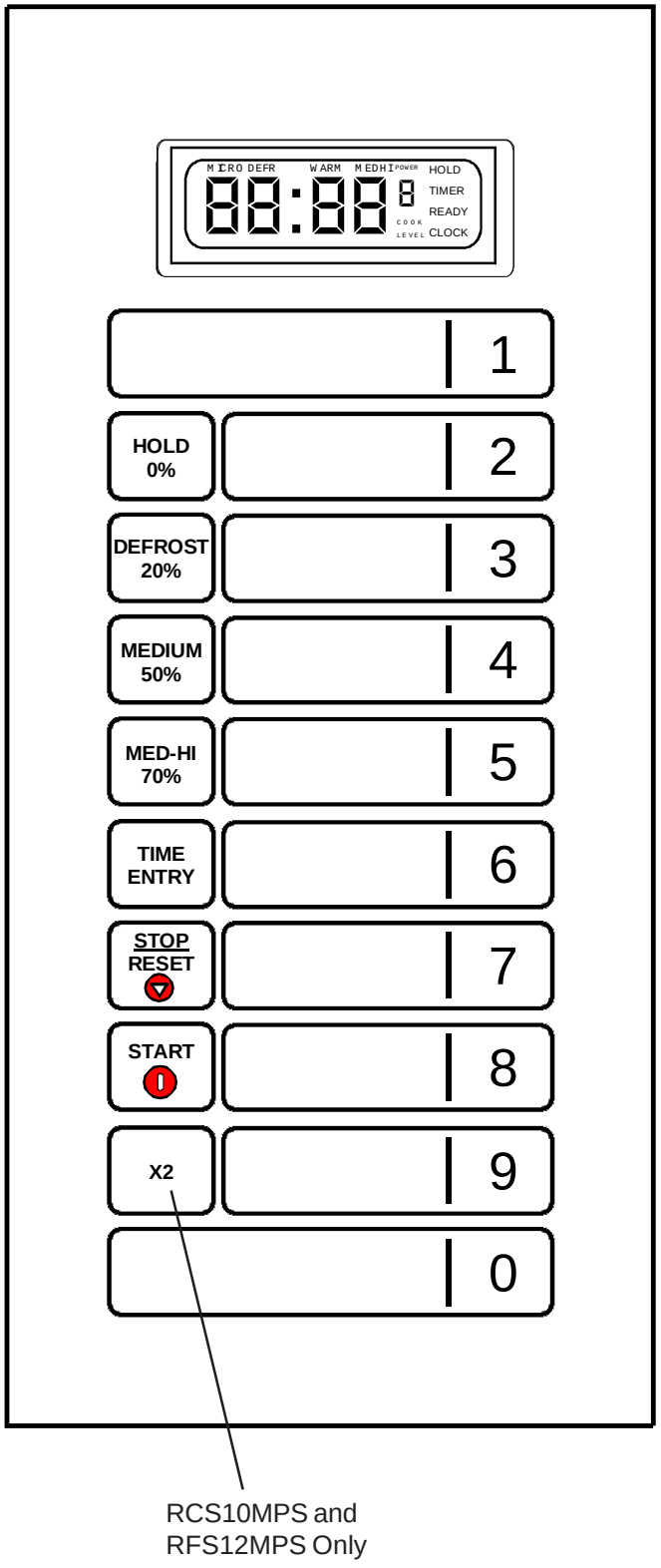
## Oven Features




## RCS10, RFS10S and RFS12S Control Panel Features



## RFS12MPS, RCS10MPS and RCS10MP Control Panel Features




**TIME ENTRY** pad is used to enter cooking time for either manual entry or programming. Cooking time ranges from 1 second (00:01) to a total of 60 minutes (60:00) over four stages. If more than 60 minutes of total microwave cooking time is required, open door and inspect food before beginning new cooking cycle.

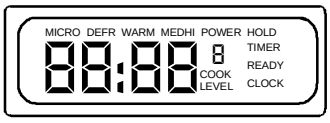
**X2(some models)** pad increases the cooking time when more than one item is cooked.

**Numbered pads** begin cooking programs or enter times and power levels for "Manual Time Entry" cooking. This oven can store up to 10 or 100 (some models) cooking programs in memory.

**POWER LEVEL (some models)** pads are used to set microwave power level. When cooking, the power level can be decreased for foods that require slower more even cooking. If cooking time is set and START pad pressed, oven cooks at 100% power.

**START** pad begins Manual Time Entry cooking or restarts an interrupted cooking cycle. When programming, use to save time and power level, and to save a user option setting.

**STOP/ RESET** pad exits programming mode and stop cooking during cooking cycle.




**Display**
Some items in display can be seen but are not available.

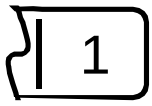
**Stages (some models)**
This oven can be programmed to run 4 cooking sequences consecutively. Each sequence is called a stage. For example, the first cycle could be programmed to defrost at 20% power, the second to hold at 0% power, the third to heat at 50% power, and the fourth to heat at 100% power. Total time for all cooking stages counts down.

**User Options**
User Options allow the user to program the oven to perform in a way convenient to the user. The beeps, maximum cooking time, and number of pre-programmed cooking sequences can be changed.

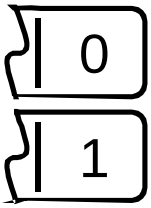
# Operation

## Cooking Methods

**Single Pad Cooking**
From the factory, oven is programmed to store 10 cooking programs. Each pad begins a cooking program.

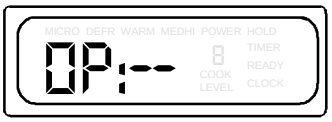



**Double Pad Cooking (some models)**
The oven control can be changed to store up to 100 cooking programs. To set the control to 100 cooking programs, See the "User's Options" section on page 14 of this manual to change oven control.




**MANUAL TIME ENTRY**
Manual Time Entry feature allows the operator to heat foods without changing the preprogrammed pads. Time must be entered and power can be set before cooking. START pad must be pressed to begin cooking.

This display shows briefly when programming more than one stage. It indicates programming mode for pad 02. The smaller "1" indicates stage 1 is being programmed.

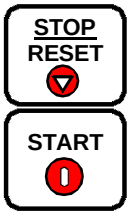



This display indicates programming user options mode. See "User Options" section of manual for programming procedure.

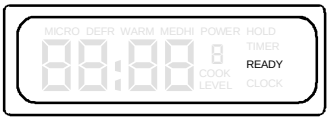
This display indicates cooking factor of 80% when X2 pad is pressed.

### Interrupting Operation

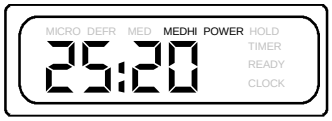
Open oven door or press *STOP/RESET* pad to interrupt operation. Display continues to show countdown time. Close door and press *START* pad to resume oven operation.




## Cooking Displays

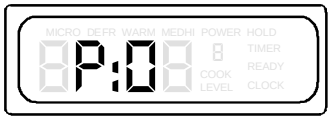



READY shows when oven control will accept entries.

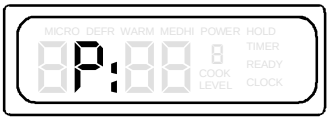



25:20 shows cooking time. When more than one cooking stage is programmed, total time for all stages displays. POWER shows when microwave energy is generated. Display will show DEFR, MED, MED HI to indicate microwave power level used. If no display shown, oven is cooking at 100% power.

## Programming Displays




This display indicates oven is in programming mode and ready to program a numbered pad(s).




This display indicates oven is set to double pad entry and 2 pads must be pressed to enter a program. See "Programming" section of manual for programming procedure or "User Options" to change from single or double pad entry.

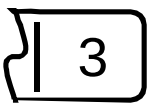
### Canceling Mistakes

If oven is not cooking, press *STOP/RESET* pad to clear display. If oven is cooking, press *STOP/RESET* pad once to stop oven, then again to clear display. If oven door is open and time shows in display, close oven door and press *STOP/RESET* pad to clear display.

### Operating Preprogrammed Pads

To heat using a preprogrammed sequence, press a numbered pad. Oven starts to heat automatically.
Example: Heat using the third cooking sequence.

1. Open oven door, place food in oven, and close oven door.
   - Display shows "READY".
   - If pad is not pressed in 60 seconds, open and close oven door again.
2. Press 3 pad.
   - Oven operates and time counts down.
   - Display shows cooking time, "POWER". Display shows "POWER" only when microwave energy is present.
   - If power level other than 100 percent power was programmed, display shows power level.
   - If additional cooking time is required, press preprogrammed pads before or after cooking cycle ends.
3. Oven stops cooking and oven signal sounds when cooking timing has elapsed.



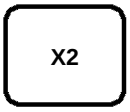
# Programming

### Preprogrammed Times and Cook Level

All preprogrammed pads arrive set at full power.

| Pads | Times | Pads | Times |
|---|---|---|---|
| 1 | 10 sec. | 6 | 1:30 min. |
| 2 | 20 sec. | 7 | 2 min. |
| 3 | 30 sec. | 8 | 3 min. |
| 4 | 45 sec. | 9 | 4 min. |
| 5 | 1 min. | 0 | 5 min. |

## Using X2 Pad (some models)

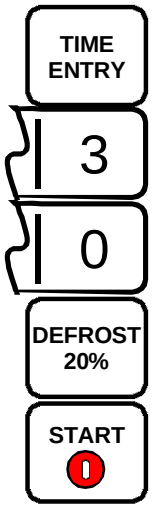



X2 pad increases the cooking time when cooking more than one item at a time is necessary. The amount of added time when the X2 pad is pressed is a percent of the original preprogrammed cooking time. The percent can be set from 10% to 100% with the default at 80%. The percent of the time added can be changed for individual cooking programs.

Press X2 pad before pressing memory pad. For example, press X2 pad and then memory pad 3. Pad 3 normally cooks for 30 seconds. When the X2 pad is pressed before memory pad 3, 54 seconds displays because it added 24 seconds, (80% of 30 sec. =24 sec.).

## Manual Time Entry

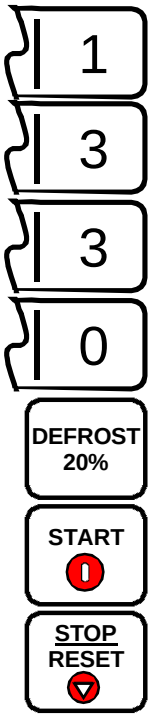
Manual Time Entry feature allows the operator to enter time and power levels, and heat without changing the preprogrammed pads. Example: Heat for 30 seconds at 20% power.




1. Open oven door, place food in oven, and close door.
   - Display shows “READY”. Fan and light operate.
   - If pad is not pressed in 60 seconds, open and close oven door again.
2. Press TIME ENTRY pad.
   - Display shows “0000” and “READY”.
3. Press 3 and 0 pad to enter cooking time.
4. Press POWER LEVEL pad to change power level.
   - Display shows current power level if other than 100 percent power.
5. Press START pad.
   - Oven operates and time counts down.
   - Display shows cooking time and “POWER”.
   - Display shows “POWER” only when microwave energy is present.
   - If power level other than 100 percent power was programmed, display shows power level. Display counts down cooking time.
6. Oven stops cooking and oven signal sounds when cooking timing has elapsed.

## Memory Pads

Follow instructions below to program cooking times and power levels for customized cooking. Example: Program third cooking sequence to heat for 30 seconds at 20% power.




1. Open oven door.
   - Display shows “READY”.
   - If door is closed or RESET pad is pressed before finishing programming sequence, oven exits programming mode.
2. Press and hold pad 1 for approximately 5 seconds.
   - After 5 seconds, signal sounds. Display shows “P:” (“P:0” if in double pad programming mode).
3. Press 3 pad to select memory pad.
   - Display shows cooking time.
4. Press 3 and 0 pad to enter desired cooking time.
5. Press POWER LEVEL pad to change power level.
   - Display shows power level if other than 100 percent power.
6. Press START pad to save new cooking time and power level in oven memory.
   - Display shows “P:”.
   - Repeat step 3–6 to program additional pads.
7. Press STOP/RESET pad or close oven door to exit programming mode.

## Double Pad Programs (some models)

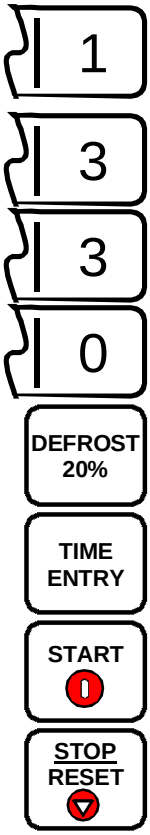
The oven control can be changed to store up to 100 cooking programs. See the “User’s Options” section of this manual to change oven control.

To create a double pad program, follow the instructions above except for a change to step #3. When entering the cooking program number, press 2 memory pads. For example, press pads 0 and pad 3 to create a new cooking program. After the program is saved, press pad 0 and pad 3 to start a cooking program.

## Multiple Cooking Stages (some models)

Follow instructions below to program oven to perform up to four consecutive cooking cycles without interruption. Example: Program third cooking sequence to heat for 30 seconds at 20% power, 40 seconds at 50% power, and 10 seconds at 100% power.

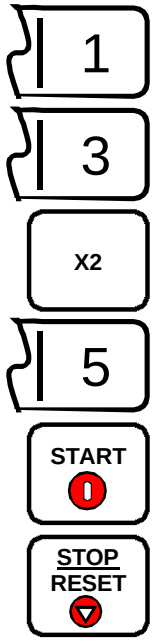
1. Open oven door.
   - Display shows “READY”.
   - If door is closed or RESET pad is pressed before finishing programming sequence, oven exits programming mode.
2. Press and hold pad 1 for approximately 5 seconds.
   - After 5 seconds, signal sounds. Display shows “P:” (“P:0” if in double pad programming mode).
3. Press 3 pad to select memory pad.
   - Display shows cooking time and power level if other than 100 percent power.
4. Press 3 and 0 to enter desired cooking time.
5. Press POWER LEVEL pad to change power level.
   - Display shows current power level if other than 100 percent power.
6. Press TIME ENTRY pad.
   - Display briefly shows "P:03(1-4)" indicating programming, pad 3, stage 2. Then cook time and power level for stage show in display.
   - Repeat steps 5–7 to create additional stages.
7. Press START pad to save new cooking time and power level in oven memory.
8. Press STOP/RESET pad or close oven door to exit programming mode.




## X2 Quantity Feature(some models)

This feature allows the user to change the amount of time added when the X2 pad and then the programmed pad is pressed. Based on the original time, the X2 pad can add from 10%–100% of additional cooking time. The default is 80%. Example: change cooking factor to 50% for third cooking sequence.

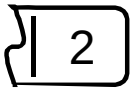
1. Open oven door.
   - If door is closed or *RESET* pad is pressed before finishing programming sequence, oven exits programming mode.
2. Press and hold pad 1 for approximately 5 seconds.
   - After 5 seconds, signal sounds. Display shows “P:” (“P:0” if in double pad programming mode).
3. Press 3 pad to select the cooking program.
4. Press the X2 pad.
5. Press 5 pad to change cooking factor.
   - Display shows “CF:05”.
   - Numbered pads change cooking factor in increments of 10. Example: number pad 1, sets cooking factor to 10%, number pad 2 sets cooking factor at 20%.
6. Press START pad to save changes.
7. Press STOP/RESET pad or close oven door to exit programming mode.



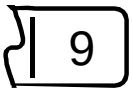
## User Options

Follow the instructions below to customize oven operation. End-of-cycle signal, maximum cooking time and other options can be changed to meeting your cooking needs. Example: Change setting to single digit pad operation.

1. Open oven door.
   - If door is closed or *RESET* pad is pressed before finishing programming sequence, oven exits programming mode.
2. Press and hold pad 2 for approximately 5 seconds.




   - After 5 seconds, signal sounds.
   - Display shows “0P:”.
3. Press 9 pad.




   - See table below for options.
   - Displays shows “OP:91”.
   - “OP” represents optional program mode, first number represents option number and second number represents functions currently selected for option.

4. Press 9 pad repeatedly to change setting.
5. Press START pad to save changes.
   - Repeat steps 3–5 to change additional options.
   - Changes appear after door is closed or STOP/RESET is pressed.
6. Press STOP/RESET pad or close oven door to exit programming mode.

| Numbered Pads | Display | Options (Factory Settings in Bold) |
|---|---|---|
| 1<br>End of Cycle Beep | OP:10 | **3 second continuous beep** |
| | OP:11 | Continuous beep until door is opened |
| | OP:12 | 5 beeps bursts until door is opened |
| 2<br>Speaker Volume<br>(Not Available on RCS10) | OP:20 | Speaker off, no beep sounds |
| | OP:21 | Sets volume to low |
| | OP:22 | **Sets volume to medium** |
| | OP:23 | Sets volume to high |
| 3<br>Key Beep | OP:30 | No beep when pad is pressed. |
| | OP:31 | **Sound beep when pad is pressed.** |
| 4<br>Keyboard Enable Window | OP:40 | 15 seconds after oven door is opened, keyboard disabled |
| | OP:41 | 30 seconds after oven door is opened, keyboard disabled |
| | OP:42 | **1 minute after oven door is opened, keyboard disabled** |
| | OP:43 | 2 minutes after oven door is opened, keyboard disabled |
| 5<br>Add Time during Heating | OP:50 | Prevents adding heating time while oven is heating. |
| | OP:51 | **Allows heating time to be changed while oven is heating when a memory pad is pressed.** |
| 6<br>Reset Door Open | OP:60 | **Allows oven to resume heating time countdown after door is opened during cycle.** |
| | OP:61 | Cancels heating time count down when door is opened during cycle. |
| 7<br>Maximum Heating Time<br>(Not Available on RCS10) | OP:70 | **Allows 60 minutes of heating time.** |
| | OP:71 | Allows 10 minutes of heating time. |
| 8<br>Manual Operation | OP:80 | Allows use of preprogrammed pads only. |
| | OP:81 | **Allows use of manual time entry and preprogrammed pads.** |
| 9<br>Double Digit Operation<br>(Not Available on RCS10 and RCS10MP) | OP:90 | **Allows 10 (0–9) preprogrammed pads.** |
| | OP:91 | Allows 100 (00–99) preprogrammed pads. |

# Care and Cleaning

**⚠ WARNING**

To avoid electrical shock which can cause severe personal injury or death, unplug power cord or open circuit breaker to oven before cleaning or removing light bulb.

Record all inspections and repairs for future reference on pages provided.

## Changing Oven Light Bulb

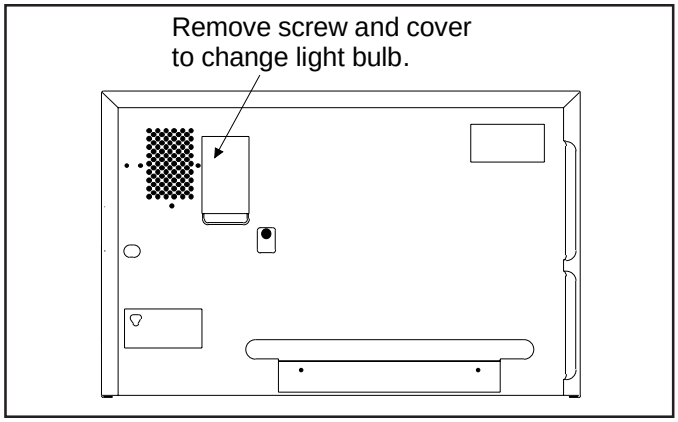
**⚠ WARNING**

To avoid electrical shock, unplug power cord or open circuit breaker to microwave oven before replacing light bulb. After replacing light bulb, reconnect power.
To avoid burns and cuts, wear gloves to protect hands should bulb break. If hot, allow bulb to cool.

**Tools and Bulb**

- Protective gloves
- Standard screwdriver
- Light bulb rated 115-125 volt, 40 watt, part number 10664502

1. Unplug oven.
2. Remove screw from access cover and remove cover. See illustration below.
3. Remove bulb by turning counterclockwise, being careful not to burn fingers or break bulb.
4. Replace with bulb rated 115-125 volt, 40 watt, part number 10664502
5. Plug in oven.




## Cleaning Interior, Exterior, and Door

Clean microwave oven with mild detergent in warm water using soft sponge or cloth. Wring sponge or cloth to remove excess water before wiping equipment. If desired, boil a cup of water in oven to loosen soil before cleaning.

- Do not use abrasive cleansers or cleaners containing ammonia. These could damage finish.
- Never pour water into microwave oven bottom.
- Do not use water pressure type cleaning systems.

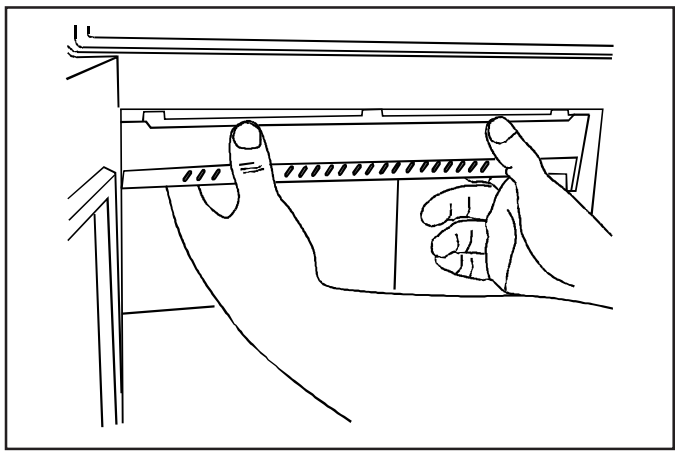
## Cleaning Splatter Shield

**⚠ CAUTION**

To avoid oven cavity damage, do not operate oven without splatter shield in place. Arcing will damage oven cavity and antenna when operated without shield in place.

Splatter shield keeps top of microwave oven cavity and antenna from becoming soiled. Clean soil from shield with damp cloth or clean with mild detergent and water. Remove splatter shield for easy cleaning.

1. Unplug oven before removing splatter shield to stop antenna from rotating.
2. Place fingers on front of shield, push forward, and down.
   - When removing and replacing splatter shield, be careful not to bend antenna.



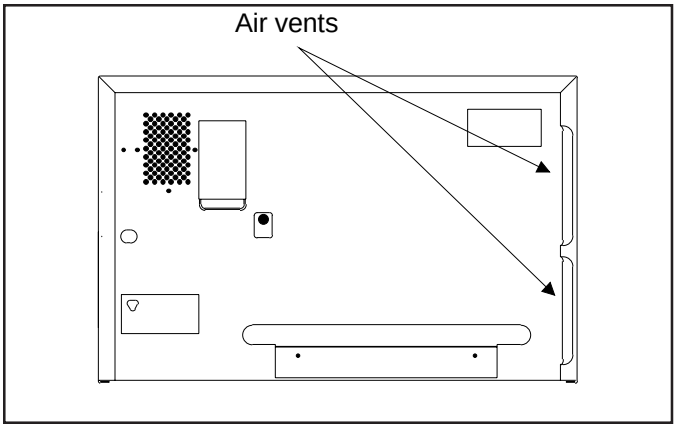
3. Wash shield in hot, soapy water. Rinse and dry thoroughly.
   - Do not wash splatter shield in dishwasher.
   - Do not use abrasive cleaners.
4. Reinstall splatter shield by fitting tabs into slots at top of oven cavity back. Lift and press front of shield until shield snaps into place.

## ⚠ WARNING

To avoid electrical shock which can cause severe personal injury or death, do not remove outer case at any time. Only an authorized servicer should remove outer case.

### Cleaning Discharge Air Vents

Check for a buildup of cooking vapors along discharge louvers in back of oven monthly. Clean air vent with damp cloth to ensure proper airflow. Dry thoroughly.

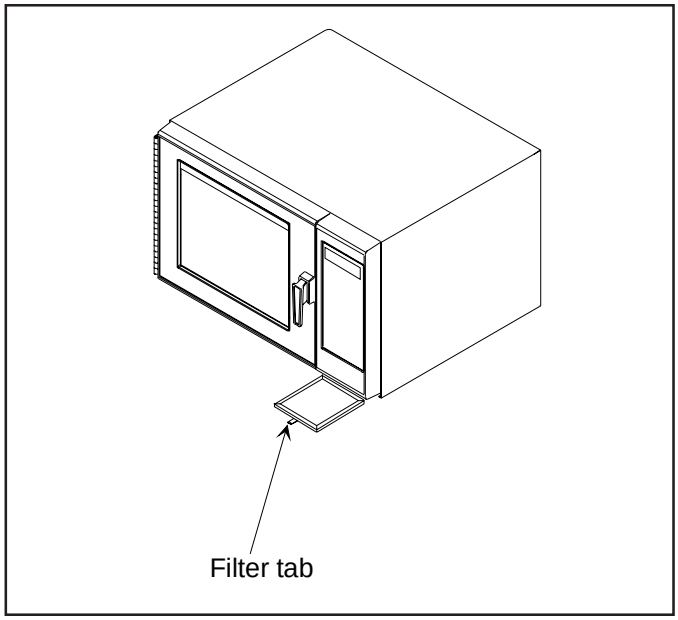



### Cleaning Air Intake Filter (some models)

## ⚠ CAUTION

To avoid overheating and oven damage, clean air filter regularly.
To avoid oven door damage, do not lift oven by oven door.

Filter is located below oven control panel. Clean air intake filter weekly for proper air flow. Wash filter in hot water and mild detergent. Do not use oven without filter in place. Remove filter to clean. To remove filter, grasp filter tab and slide out.



# Inspection Records

# Before Calling for Service

| Symptom | Check |
|---|---|
| If oven does not operate: | • Check fuse or circuit breaker.<br>• Confirm oven is plugged into dedicated circuit.<br>• Confirm oven is on grounded and polarized circuit. Contact electrician to confirm. |
| If oven light does not work: | • Confirm light bulb is screwed in tightly.<br>• Confirm light bulb has not failed. |
| If oven does not accept entries when pad is pressed: | • Open and close oven door. Press pad again. |
| If oven malfunctions: | • Unplug oven, wait for 1 minute, and plug in oven. |
| If oven operates intermittently: | • Check air discharge area for obstructions. |
| Oven operates, but does not heat food: | • Place one cup cool water in oven. Heat for one minute. If water temperature does not rise, oven is operating incorrectly and a servicer should be called. |

# Quick Reference Instructions

Read “Important Safety Information” before using “Quick Reference Instructions”. If there are unanswered questions, see detailed sections of this manual.

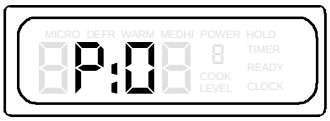
**Interrupting Operation**
Open oven door or press STOP/RESET pad to interrupt operation. Display continues to show countdown time. Close door and press START pad to resume oven operation.

**Canceling Mistakes**
If oven is not cooking, press STOP/RESET pad to clear display. If oven is cooking, press STOP/RESET pad once to stop oven, then again to clear display. If oven door is open and time shows in display, close oven door and press STOP/RESET pad to clear display.

**Operating Pre-programmed Pads**
1. Open oven door, place food in oven, and close oven door.
2. Press numbered pad(s).
3. Oven stops cooking and oven signal sounds when cooking timing elapses.

**Manual Time Entry**
1. Open oven door, place food in oven, and close door.
2. Press TIME ENTRY pad.
3. Press numbered pads to enter desired cooking time.
4. Press POWER LEVEL pad to change power level.
5. Press a numbered pad to enter desired power level.
6. Press START pad.
7. Oven stops cooking and oven signal sounds when cooking timing elapses.

**Programming Number Pads**
For single pad programming, user option should be set to 90. For double pad programming, user option should be set to 91



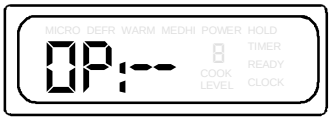

1. Open oven door.
2. Press and hold pad *1* for approximately 5 seconds.
3. Press numbered pad(s).
4. Press numbered pads to enter desired cooking time.
5. Press POWER LEVEL pad to change power level.
6. Press a numbered pad to enter desired power level.
7. Press START pad to save new cooking time and power level in oven memory.
8. Press STOP/RESET pad or close oven door to exit programming mode.

**Programming Multiple Cooking Stages**
1. Open oven door.
2. Press pad *1* for approximately 5 seconds.
   - After 5 seconds, signal sounds. Display shows “P” (“P:0” if in double pad programming mode).
3. Press numbered pad(s) to select memory pad program.
   - Display shows cooking time and power level if other than 100 percent power.
4. Press numbered pads enter desired cooking time.
5. Press POWER LEVEL pad to change power level.
   - Display shows current power level if other than 100 percent power.
6. Press TIME ENTRY pad.
   - Display briefly shows "P:3$^{2}$" (“P:03” if in double pad programming mode) indicating programming, pad 3, stage 2. Then cook time and power level for stage show in display.
   - Repeat steps 5-8 to create additional stages.
7. Press START pad to save new cooking time and power level in oven memory.
8. Press STOP/RESET pad or close oven door to exit programming mode.

**Changing X2 Quantity Feature (some models)**

1. Open oven door.
2. Press and hold pad *1* for approximately 5 seconds.
3. Press numbered pad(s) to select cooking sequence.
4. Press numbered pad to change cooking factor.
5. Press START pad to save changes.
6. Press RESET pad or close oven door to exit programming mode.

**User Options**




1. Open oven door.
2. Press and hold pad *2* for approximately 5 seconds.
3. Press a numbered pad.
4. Press numbered pad repeatedly to change setting.
5. Press START pad to save changes.
6. Press RESET pad or close oven door to exit programming mode.

Part No. 12392642
Printed in U.S.A. 1/01

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Amana, Iowa 52204